

RT-11 V05.01 Customization Patches - Offset Symbol Definitions

The RT-11 Installation Guide contains several customization patches to the monitors and the utilities. As described in the manual, the addresses to be patch are defined as symbols, not absolute addresses. The values of symbols for monitor customization patches may be obtained from the link maps distributed with RT-11 as the files RTBL.MAP, RTSJ.MAP, RTFB.MAP, and RTXM.MAP.

The link maps for the utilities are not distributed however, and the following symbol values should be used to apply customization patches to them. The section number, given with each patch, refers to the relevant section in the RT-11 Installation Guide.

2.7.5 Changing the Default Order of Directory Listings

SWS = 006372

2.7.6 Changing the Number of /Q Program Sections LINK Allows

QSWNUM = 001440

2.7.7 Changing the Size of LINK's Library Module List

LMLSIZ = 001434

2.7.8 Changing the Size of the QUEUE Work File

QSIZE = 001000

QCBLK = 002716

2.7.9 Modifying EDIT

2.7.9.1 Size of the Text Window -

DSARG = 017674

2.7.9.2 Terminals with Nonstandard ESCAPE Code -

ALTMDE = 011043

2.7.12 Modifying BATCH to Save Space

BASE = 026722

Offset for: DIR = 1367
 MACRO = 2007
 FORTRAN = 2020
 LINK = 2037
 PIP = 2052
 BASIC = 2071

Mr. [illegible]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

2.7.13 Modifying LINK to Change the Default SYSLIB Device

SYSLIB = 002276

2.7.36 Changing the Default Number of Directory Segments

SEGTBL = 010562

2.7.37 Changing the Banner Page Width

..NB1 = 004756

..NB2 = 005144

..NB3 = 013066

2.7.38 Modifying Listing Page Length in LINK

LINPPG = 001436

2.7.41 Supporting Bad Block Replacement in User-Written Handlers

ARDPS = 011024

SRDPS = 011033

2.7.42 Supporting User-Written Magtape Handlers

MTDPS = 011015

PIPMT = 007525

MDUPMT = 004637

2.7.44 Changing Default File Type of Logical Disk Files

..LDEX = 006162 ! for LD.SYS

..LDEX = 006140 ! for LDX.SYS

2.7.45 The KEX customization patch which uses the value given below is in section 3.2.1 of the RT-11 Version 5 Release Notes:

Modifying allocation request made by KEX

..MAXM = 001310 ! for KEX

- 3 -

The KED/K52/KEX customization patches which use the values given below are in the attached addendum to the RT-11 Version 5 Release Notes:

Modifying edited file default extension for KED/K52/KEX

..EEXT = 002372 ! for KED

..EEXT = 002272 ! for K52

..EEXT = 001300 ! for KEX

Modifying inspected file default extension for KED/K52/KEX

```
..IEXT = 002374      ! for KED
..IEXT = 002274      ! for K52
..IEXT = 001302      ! for KEX
```

MACRO Changing Default page size of MACRO-11

PGSIZE = 002424

CREF Changing Default page size of CREF

PGSIZE = 001000

UCL Changing Default device for UCL.DAT

..UCLD = 1026

```
.R SIPP
*UCL.SAV
*Base?      0
*Offset?    1026
Base   Offset Old   New
0      001026 xxxxxx ;Rnnn
0      001030 xxxxxx ^Y
*^C
```

..UCLD is a global symbol that contains the device specification for the default on which UCL.DAT resides. The default device is SY:. The device specification must be in RAD50 format WITHOUT the ':'. The user might wish to have UCL.DAT reside on DK: or possibly on a logical disk (E.G. UC:) in order to make the placement of UCL.DAT installation independent. UCL.SAV must be patched using SIPP as in the example above; nnn is the 3 character device specification for the default device WITHOUT the ':'. For example, the 'New' value in the above patch might be one of the following:

';RUC ' In this example the space
 at the end must be provided

or

';RWRK' The colon must be excluded
 and the device specification
 must be three characters.

HELP Creating HELP.EXE and HELP.TXT from HELP.SAV

```
..HLP1 = 7
..HLP2 = 12
```

HELP.EXE and HELP.TXT are no longer being distributed in the binary kit. If you wish to customize HELP as described in 2.7.14 of the installation manual you need to split HELP.EXE and HELP.TXT out of the HELP.SAV file. This can be done using the following command and substituting the values for HLP1 and HLP2 as given above.

1. The first part of the report is a general description of the project and its objectives. It includes a brief history of the project and a statement of the problem to be solved.

2. The second part of the report is a detailed description of the methodology used in the study. It includes a description of the data collection methods, the statistical methods used, and the results of the analysis.

3. The third part of the report is a discussion of the results of the study. It includes a comparison of the results with the objectives of the study and a discussion of the implications of the findings.

4. The fourth part of the report is a conclusion and a list of references. The conclusion summarizes the main findings of the study and the references list the sources of information used in the study.

The first part of the report is a general description of the project and its objectives. It includes a brief history of the project and a statement of the problem to be solved. The second part of the report is a detailed description of the methodology used in the study. It includes a description of the data collection methods, the statistical methods used, and the results of the analysis. The third part of the report is a discussion of the results of the study. It includes a comparison of the results with the objectives of the study and a discussion of the implications of the findings. The fourth part of the report is a conclusion and a list of references. The conclusion summarizes the main findings of the study and the references list the sources of information used in the study.

The first part of the report is a general description of the project and its objectives. It includes a brief history of the project and a statement of the problem to be solved. The second part of the report is a detailed description of the methodology used in the study. It includes a description of the data collection methods, the statistical methods used, and the results of the analysis. The third part of the report is a discussion of the results of the study. It includes a comparison of the results with the objectives of the study and a discussion of the implications of the findings. The fourth part of the report is a conclusion and a list of references. The conclusion summarizes the main findings of the study and the references list the sources of information used in the study.

CONCLUSION

The first part of the report is a general description of the project and its objectives. It includes a brief history of the project and a statement of the problem to be solved. The second part of the report is a detailed description of the methodology used in the study. It includes a description of the data collection methods, the statistical methods used, and the results of the analysis. The third part of the report is a discussion of the results of the study. It includes a comparison of the results with the objectives of the study and a discussion of the implications of the findings. The fourth part of the report is a conclusion and a list of references. The conclusion summarizes the main findings of the study and the references list the sources of information used in the study.

.SPLIT HELP.EXE,,HELP.TXT=HELP.SAV/B:7:12

SYSMAC

Creating SYSMAC.MAC from SYSMAC.SML

..SYSM = 4

If you wish to modify the system macro library you must modify the file called SYSMAC.MAC. This file is no longer distributed in the binary kit. This file can be produced by splitting it out of SYSMAC.SML. This can be done using the following command and substituting the value for ..SYSM as given above.

.SPLIT ,SYSMAC.MAC=SYSMAC.SML/B:4

SPOOL

The SPOOL work file customization patch which uses the value given below is in section 11.3 of the RT-11 Version 5.1 Release Notes:

..SPSZ = 2236

The SPOOL output device name customization patch which uses the value given below is in section 11.4 of the RT-11 Version 5.1 Release Notes:

..SPSD = 2224

LINK

Changing Default Map listing size to /WIDE as described in VSNOTE.TXT.

..WDSZ = 4162

----- end of CUSTOM.TXT -----

10-11-68

10-11-68

10-11-68

10-11-68

10-11-68

10-11-68

10-11-68

10-11-68

10-11-68

10-11-68